

Sheet 1 of 3

Substitute for form 1449/PTO, based on PTO/SB/08A and 08B

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Application Number	10/521,635
Filing Date	10/26/2005
First Named Inventor	Haraldsson
Art Unit	1732
Examiner Name	Not assigned
Attorney Docket Number	72-03

GWS 3/3/2006

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number (US-)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)
/J.S./	1	6,821,475	11/23/2004	Beebe et al.	
	2	6,517,977	02/11/2003	Resnick et al.	
	3	6,509,085	01/21/2003	Kennedy	
	4	6,488,872	12/03/2002	Beebe et al.	
	5	6,136,212	10/24/2000	Mastrangelo et al.	
	6	5,263,130	11/16/1993	Pomerantz et al.	
/J.S./	7	5,171,490	12/15/1992	Fudim	

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Examiner Initial*	Cite No. ¹	Foreign Patent Document Number (include WIPO country code)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)	T ²
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NON-PATENT LITERATURE DOCUMENTS

Examiner Initial*	Cite No. ¹	REFERENCE Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/J.S./	8	Anderson et al. (2000) "Fabrication of Topologically Complex Three-Dimensional Microfluidic Systems in PDMS by Rapid Prototyping," <i>Anal. Chem.</i> 72(14):3158-3164	
	9	Becker et al. (2002) "Polymer Microfluidic Devices," <i>Talanta</i> 56(2):267-287	
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	12	Beebe et al. (2000) "Microfluidic Tectonics: A Comprehensive Construction Platform for Microfluidic Systems," <i>Proc. Nat. Acad. Sci. USA</i> 97(25):13488-13493	
	13	Chatwin et al. (1998) "UV Microstereolithography System that Uses Spatial Light Modulator Technology," <i>Appl. Optics</i> 37(32):7514-7522	
/J.S./	14	Cumpston et al. (1999) "Two-Photon Polymerization Initiators for Three-Dimensional Optical Data Storage and Microfabrication," <i>Nature</i> 398:51-54	

Examiner Signature	/James Sanders/	Date Considered	02/28/2009
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/J.S./	15	De et al. (2002) "Equilibrium Swelling and Kinetics of pH-Responsive Hydrogels: Models, Experiments, and Simulations," <i>J. Microelectromechanical Sys.</i> 11(5):544-555	
	16	Duffy et al. (1998) "Rapid Prototyping of Microfluidic Systems in Poly(dimethylsiloxane)," <i>Anal. Chem.</i> 70(23):4974-4984	
	17	Hanemann et al. (1997) "Micromolding and Photopolymerization," <i>Adv. Mat.</i> 9(11):927-929	
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	19	Hutchinson et al. (2004) "Robust Polymer Microfluidic Device Fabrication Via Contact Liquid Photolithographic Polymerization (CliPP)," <i>Lab on a Chip</i> 4(6):658-662	
	20	Khoury et al. (2002) "Ultra Rapid Prototyping of Microfluidic Systems Using Liquid Phase Photopolymerization," <i>Lab On a Chip</i> 2(1):50-55	
	21	Kirby et al. (2002) "Voltage-Addressable on/off Microvalves for High-Pressure Microchip Separations," <i>J. Chromatography A</i> 979(1-2):147-154	
	22	Liew et al. (2001) "Fabrication of SiCN Ceramic MEMS using Injectable Polymer-Precursor Technique," <i>Sensors and Actuators A - Physical</i> 89(1-2):64-70	
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	25	Love et al. (2001) "Fabrication of Three-dimensional Microfluidic Systems by soft Lithography," <i>MRS Bull.</i> 26(7):523-528	
	26	Luo et al. (2002) "Synthesis of a Novel Methacrylic Monomer-Iniferter and Its Application in Surface Photografting on Crosslinked Polymer Substrates," <i>J. Polym. Sci. Part A - Polym. Chem.</i> 40:1885-1891	
	27	Luo et al. (2002) "Surface-Initiated Photopolymerization of Poly(ethylene glycol) Methyls Ether Methacrylate on a Diethyldithiocarbamate-Mediated Polymer Substrate," <i>Macromol.</i> 35:2487-2493	
	28	Luo et al. (2000) "UV-Induced Radical Grafting of Hydrophilic Monomers from Dithiocarbamated Polymer Surfaces," <i>Polymer Preprints</i> 41:1728-1729	
	29	Madou, M.J. (1997) <u>Fundamentals of Microfabrication: The Science of Miniaturization</u> , 2 nd ed., CRC Press: Boca Raton, pp. 301-302	
	30	Neckers et al. (1996) "Photochemistry and Photophysics of Hydroxyfluorones and Xanthenes," <i>J. Photochem. Photobiol. A Chem.</i>	
/J.S./	31	Okamoto et al. (1999) "Ultraviolet-cured Microlens Arrays," <i>Applied Optics</i> 38(14):2991-2996	

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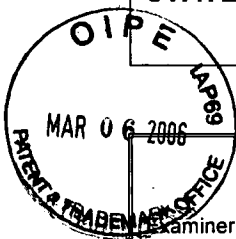
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	33	Perters et al. (1999) "Control of Porous Properties and Surface Chemistry in 'Molded' Porous Polymer Monoliths Prepared by Polymerization in the Presence of TEMPO," <i>Macromol.</i> 32(19):6377-6379	
	34	Quake et al. (2000) "From Micro- to Nanofabrication with Soft Materials," <i>Science</i> 290:1536-1540	
	35	Sebra et al. (2002) "3D-Microfluidic Devices Using Liquid Polymer Precursors," <i>Polymer Preprints</i> 43:132-133	
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	39	Ward et al. (2001) "Micropatterning of Biomedical Polymer Surface by Novel UV Polymerization Techniques," <i>J. Biomed. Mat. Res.</i> 56:351-360	
	40	Whitesides et al. (2001) "Flexible Methods for Microfluidics," <i>Physics Today</i> 54(6):42-48	
	41	Willson Research Group; http://Willson.com.utexas.edu/Research/Sub_Files/SFIL/Process/index.htm accessed February 8, 2006.	
	42	Wu et al. (2003) "Fabrication of Complex Three-Dimensional Microchannel Systems In PDMS," <i>J. Am. Chem. Soc.</i> 125(2):554-559	
	43	Xia et al. (1998) "Soft Lithography," <i>Ann. Rev. Mat. Sci.</i> 28:153-184	
	44	Xia et al. (1998) "Soft Lithography," <i>Angew Chem. Int. Ed.</i> 37:550-575	
/J.S./	45	Yang et al. (2001) "Fabrication of High Performance Ceramic Microstructures from a Polymeric Precursor Using Soft Lithography," <i>Adv. Mat.</i> 13(1):54-58	

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